

# MLPA Highlights

- Central Coast: Monitoring
- North Central Coast: Adoption phase
- South Coast: Planning phase

# Central Coast: Monitoring

## Monitoring – OPC Contracts

- OPC/Sea Grant funded baseline data collection projects submitted year one results – brief summary developed
- Year two – following the field season the budget crisis halted much of the work on year two.

# Central Coast : Monitoring

## Monitoring – DFG projects

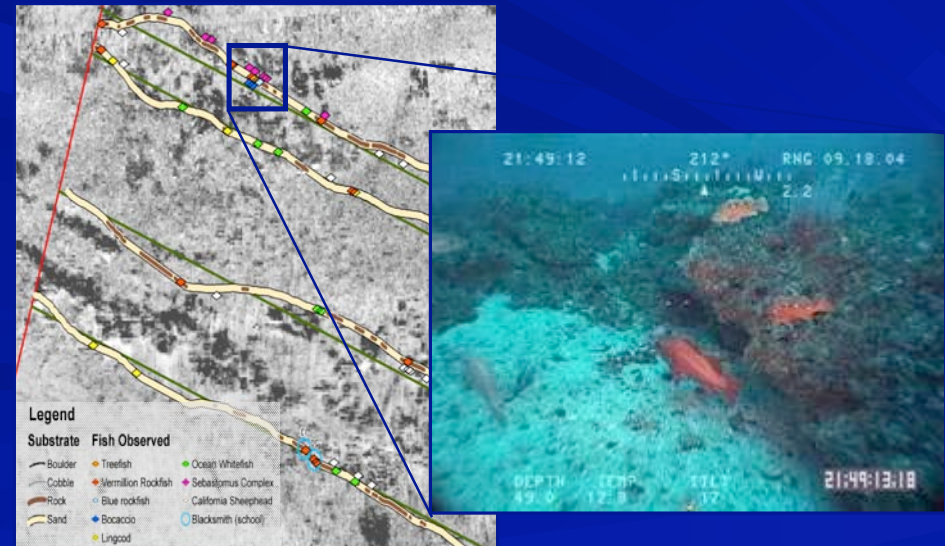
- Remotely Operated Vehicle (ROV) surveys
- Spot prawn and associated benthic species
- Carmel Pinnacles SMR fish population and movement
- Nearshore fish trapping Carmel Bay
  - *All projects were conducted as a collaboration with a commercial fisherman*

# Central Coast : Monitoring

## DFG Remotely Operated Vehicle (ROV) surveys 2008

- Six study areas with reference sites
- Surveys target the 15 to 250 m depth range
- Fish, invertebrates and habitat quantified from archival video record

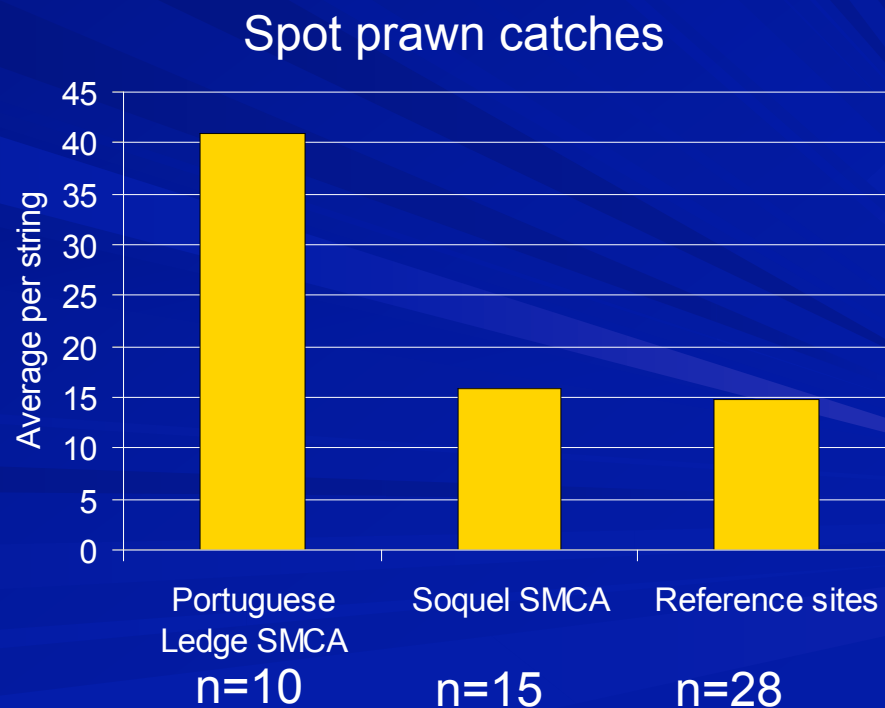
Study Area	Kilometers Surveyed
Pacific Grove SMCA	7
Asilomar SMR	26
Carmel Bay SMCA	7
Point Lobos SMR	19
Point Sur SMR	11
Point Buchon SMR	12
<b>Total</b>	<b>82</b>



# Central Coast

## Spot prawn and associated benthic species

- Sites; Soquel Canyon SMCA, Portuguese Ledge SMCA, reference sites in same complex, and Ascension Canyon
- Surveys conducted Oct-Dec 2008; halted due to budget crisis
- Preliminary results
  - *Catch data for other species being compiled, prawn carapace length at transition being compiled, CPUE being developed*

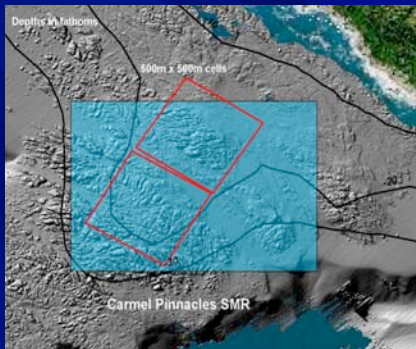




# Central Coast : Monitoring

## DFG Carmel Pinnacles SMR fish population and movement study

### MPA



### Reference site



<u>Common Name</u>	<u>Inside MPA</u>		<u>Outside MPA</u>		<u>Total # Caught</u>
	<u># Caught</u>	<u># Caught/trap</u>	<u># Caught</u>	<u># Caught/trap</u>	
Gopher rockfish	240	2.03	108	0.92	348
Cabezon	22	0.19	11	0.09	33
Black-and-yellow rockfish	16	0.14	14	0.12	30
Kelp greenling	16	0.14	13	0.11	29
China rockfish	17	0.14	1	0.01	18
Kelp rockfish	0	0.00	4	0.03	4
Blue rockfish	1	0.01	1	0.01	2
Copper rockfish	0	0.00	2	0.02	2
Lingcod	1	0.01	1	0.01	2
Rosy rockfish	1	0.01	0	0.00	1
Treefish	0	0.00	1	0.01	1
Wolf eel	1	0.01	0	0.00	1
<b>Grand Total</b>	<b>315</b>		<b>156</b>		<b>471</b>

# Central Coast : Monitoring

## DFG Nearshore fish trapping Carmel Bay

■ Example results for sample period - Sept 15-19, 2008

Black-yellow rf	61
Gopher rf	43
Kelp greenling	9
Cabazon	7
Striped surfperch	2



# North Central Coast

- Regulation Phase with Fish and Game Commission
- Baseline monitoring plan being developed



# North Central Coast: Regulation Process

- DEIR Draft environmental impact report (prepared under CEQA)
  - Released for public comment on March 20.
  - Public comment period ends Monday, May 4, 2009
  - Document may be viewed and downloaded at:  
*[www.dfg.ca.gov/mlpa/impact\\_ncc.asp](http://www.dfg.ca.gov/mlpa/impact_ncc.asp)*
  
- Regulatory Process with Commission
  - Timeline changed due to CEQA delays (by contractor)
  - Discussion hearing set for May 13-14 (Sacramento)
  - Decision hearing: August 5-6 (Woodland)
  - Effective date for new MPAs: January 2010

# North Central Coast: Monitoring Plan

- MPA Monitoring Enterprise developing regional monitoring plan with DFG
  - Two scientist & stakeholder workshops held Oct 22-23, 2008 & Mar 11-12, 2009
  - Agency & academic scientists helped develop metrics for ecosystem attributes and indicators/focal species
- Draft plan anticipated summer 2009
- RFP for baseline data collection halted until funds become available

# South Coast

## Region Habitat Summary:

- 59% Ocean soft bottom
- 2% Estuarine soft
- 3% Hard bottom
- 36% unknown, not mapped

## Planning Phase for MLPA:

- September 2008 – December 2009
- \*Excludes N. Channel Islands MPAs

# South Coast Timeline

## Meeting Schedule

- June 2008: First outreach public workshops held
- September 2008: First Blue Ribbon Task Force (BRTF) & Science Advisory Team (SAT) meetings
- October 2008: First Regional Stakeholder Group (RSG) meeting
- Meetings will continue through October 2009

## MPA Proposal Development Schedule:

- Round 1– Initial Draft MPA Arrays
  - Completed in March 2009
  - Evaluations completed for Round 1
    - SAT scientific and socioeconomic evaluations
    - DFG evaluations of proposal Feasibility and Goals & Objectives

# South Coast: Draft MPA Proposals

## ■ Round 1: Regional Stakeholder Group MPA Arrays:

<b>MPA Array Name</b>	<b>Total # of MPAs<sup>1</sup></b>	<b># of New, Modified or Retained MPAs</b>
Lapis A	44	31
Lapis B	54	41
Opal A	45	32
Opal B	52	39
Topaz A	48	35
Topaz B	55	42

**1** - Includes the 13 Northern Channel Island MPAs (will not be changed).



# South Coast: Draft MPA Proposals

## ■ Round 1: External Draft MPA Proposal:

<b>Draft MPA Proposal Name</b>	<b>Total # of MPAs<sup>1</sup></b>	<b># of New, Modified or Retained MPAs</b>
<b>External A</b>	38	25
<b>External B</b>	50	37
<b>External C</b>	47	34

**1** - Includes the 13 Northern Channel Island MPAs (will not be changed).

# South Coast: Timeline

## MPA Proposal Development Schedule:

- Round 1– Initial Draft MPA Arrays (March 2009)
  - Receive evaluations (April 2009)
- Round 2 – Draft MPA Proposals
  - Begin Revising
  - Complete Round 2 Draft MPA Proposals (May 2009)
  - Public workshops for comment on draft proposals (June/July 2009)
- Round 3: Final MPA Proposals (Sept. 2009)

# South Coast: Timeline

## Final Recommendations for MPA Proposals:

- BRTF: recommends MPA proposal options to Fish and Game Commission (Oct. – Dec. 2009)
- Final Adoption by Commission: Expected Mid-2010

# North Coast

- Planning commences in July 2009